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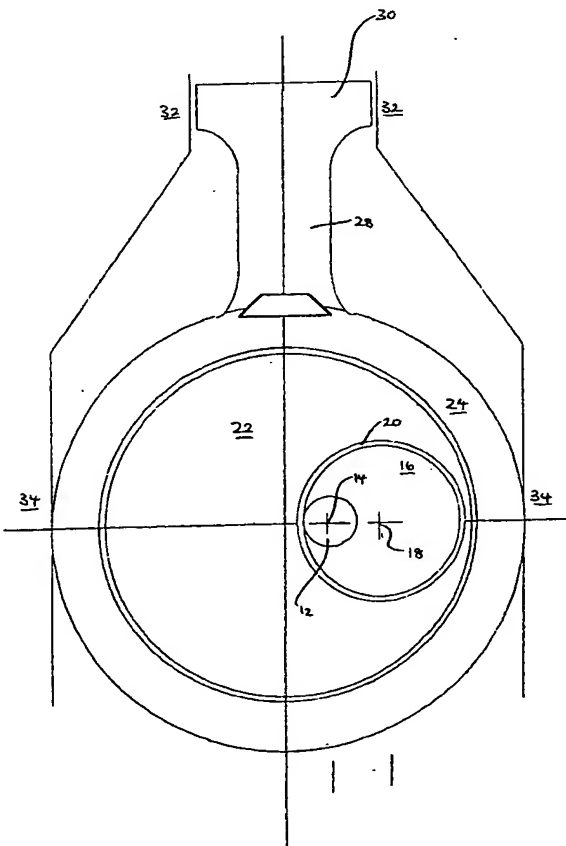
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[Continued on next page]

(54) Title: LINEAR INTO ROTATORY OR VICE VERSA MOTION CONVERTOR



(57) Abstract: An apparatus for converting linear motion into rotary motion or vice versa comprising a shaft (12) which is rotatable about a fixed axis (14) and carrying a circular cam (16) mounted eccentrically relative to that axis (14), the cam (16) being rotatably mounted within a disc (22) which is in turn rotatably mounted within a housing (24) mounted for linear reciprocating motion along a rectilinear axis (26) in a direction transverse to the axis (14) of the shaft (12) whereby reciprocating motion of the housing (24) along the rectilinear axis (26) is converted into rotation of the shaft (12), or rotation of the shaft (12) is converted into reciprocating motion of the housing (24) along the rectilinear axis (26).

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/000808

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: **F01B 9/06; F02B 75/32; F16H 21/18, 21/22, 21/28**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU: IPC F16H 21/- & F01B 9/- VOL SEARCH, PAIS:

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC: F01B 9/-; F02B 75/32; F16H 21/18, 21/22, 21/28 & Keywords: cam, off-set, eccentric, disc, ring, circular, circle, annular

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2000/008325 A (OZDAMAR) 17 February 2000 Whole document	
A	GB 1460986 A (AIDA ENGINEERING KABUSHIKI KAISHA) 6 January 1977 Whole document	
A	DE 2519908 A (LAMBRECHT) 11 November 1976 (equivalent Derwent abstract accession no. L2095X/47, Class Q51) Whole document and Derwent abstract	
A	DE 3904716 A (SCHILLER) 23 August 1990 (equivalent Derwent abstract accession no. 90-261654/35, Class Q51) Whole document and Derwent abstract	



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See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
GB	1460986	DE	2438145	FR	2240104	JP	50037964
WO	0008325	AU	53897/99	EP	1102925		
DE	2519908	NONE					
DE	3904716	NONE					
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
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